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Docket No.: 043890-0646

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Customer Number: 20277
	:	
Hiroyuki KITA, et al.	:	Confirmation Number: 8872
	:	
Application No.: 10/712,305	:	Group Art Unit: 2834
	:	
Filed: November 14, 2003	:	Examiner: BUDD, MARK OSBORNE

For: DRIVING METHOD OF PIEZOELECTRIC ACTUATOR, PIEZOELECTRIC ACTUATOR, AND DISK RECORDING AND REPRODUCING APPARATUS USING THE SAME

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

CERTIFICATION PARAGRAPH

The undersigned certifies that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a

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counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement as described in 37 CFR 1.97(e)(1).

Each non-English language reference was cited in a corresponding foreign application search report or office action and its relevance discussed therein. A copy of the foreign search report or office action, together with an English language version thereof, is attached for the Examiner's information.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

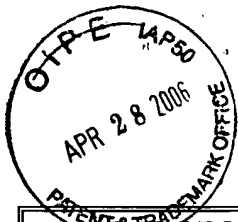
Respectfully submitted,

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)	ATTY. DOCKET NO. 043890-0646	SERIAL NO. 10/712,305
	APPLICANT Hiroyuki KITA, et al.	
	FILING DATE November 14, 2003	GROUP 2834

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US 3,072,805	1-8-1963	Rich	
		US			
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FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes-Number + Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
		JP 62-057265	3-12-1987	Nippon Telegr & Teleph Corp <NTT>		English Abstract	
		EP 1 202 273 A2	5-2-2002	Matsushita Electric Industrial Co., Ltd.		X	
		EP 0 767 503 A1	4-9-1997	Toyota Jidosha kabushiki Kaisha		X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		DUNN et al., "Substrate effects on domain structures of PZT 30/70 sol-gel films via PiezoAFM" Journal of the European Ceramic Society, Elsevier Science Publishers, Barking, Essex, GB, Vol. 22, no. 6, 2002, pp. 825-833, XP004339372
		KANNO et al., "Piezoelectric properties of c-axis oriented PbZr,TiO ₃ thin films", Applied Physics Letters, AIP, American Institute of Physics, Melville, NY, US, vol. 70, no. 11, March 17, 1997, pp. 1378-1380, XP012017420

EXAMINER	DATE CONSIDERED
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.